

AMENDMENTS TO THE SPECIFICATION

Please insert the following paragraph on page 1, after the Title of the Invention and before “Technical Field”:

This application is a U.S. National Phase Application of PCT International Application PCT/JP/2004/016360, filed October 28, 2004.

Kindly amend the paragraph beginning on page 2, line 27, as follows:

An induction heating cooking device of the present invention has an inverter including a resonant circuit, and a heating output control part. The resonant circuit has a resonant capacitor and a heating coil that is magnetically coupled to a load. The inverter has a series circuit of a first switching element and a second switching element, and supplies electric power to the resonant circuit. The heating output control part sets the driving frequency of the first and second switching elements to be substantially $1/n$ (where, n is an integer of 2 or more) times higher than the resonance frequency of the resonant circuit in heating the load. Driving duty is defined by respective rates of the driving period of the first switching element and the driving period of the second switching element, and is varied and controlled so that the driving period of the first switching element and the driving period of the second switching element are inverted in length and substantially the same heating output is obtained. is repeatedly switched between a first driving duty and a second driving duty different from the first driving duty, and controlled. The second driving duty is a driving duty at which the lengths of the driving period of the first switching element and the driving period of the second switching element are inverted with respect to the first driving duty, and substantially the same heating coil current and heating output are obtained before and after the switching between the driving duties. Thanks to this configuration, the losses of the switching elements are equalized, the switching elements are easily cooled, and a large heating output is obtained on the same cooling

condition.

Kindly amend the paragraph beginning on page 8, line 26, as follows:

Fig. 6 is a circuit diagram of an induction heating cooking device in accordance with a third exemplary embodiment of the present invention. ~~It is the same as the first exemplary embodiment, so that different points are mainly described.~~ The basic configuration of the induction heating cooking device is the same as that of the induction heating cooking device of the first exemplary embodiment, so that different points are mainly described. Elements having a function similar to that in the first exemplary embodiment are denoted with the same reference marks, and the descriptions of those elements are omitted.